

CURRICULUM VITAE

Domagoj Coric
Carolina Neurosurgery and Spine Associates
225 Baldwin Avenue
Charlotte, NC 28204

EDUCATION:

Wake Forest University Baptist Medical Center
(formerly Bowman Gray School of Medicine)
Winston-Salem, NC
Doctor of Medicine, 1988-1992

Connecticut College
New London, CT
Master of Arts, 1987-1988

Duke University
Durham, NC
Bachelor of Science, 1982-1986

POSTDOCTORAL TRAINING:

General Surgery Internship
Wake Forest University Baptist Medical Center
Winston-Salem, NC

Neurological Surgery Residency
Wake Forest University Baptist Medical Center
Winston-Salem, NC
David L. Kelly Jr., MD (Chairman) 7/93-7/98

PROFESSIONAL LICENSURE:

1992 Diplomate, National Board of Medical Examiners
1994 North Carolina, #54416
1995 Primary Exam of the American Board of Neurosurgery
1998 South Carolina, #20729
2001 Board Certified American Board of Neurological Surgery
2010 Recertification American Board of Neurological Surgery

HOSPITAL AFFILIATIONS:

Carolinas Medical Center (CMC) Active Staff (7/98-present)
PO Box 32861
Charlotte, NC 28232

WORK HISTORY:

- Carolina Neurosurgery and Spine Assoc: 7/98-present**
 - Complex Spine/Reconstructive Surgery
 - Tumor/Trauma
 - Minimally Invasive Spine Surgery
 - Spinal Arthroplasty: Cervical/lumbar artificial disc
 - Adult Deformity
 - Executive Board: 2002-2010
- Director - Carolina Center for Specialty Surgery**
 - 2005- 07
- Vice Chief - Department of Neurosurgery - Carolinas Medical Center**
 - 2005-07
- Chief - Department of Neurosurgery - Carolinas Medical Center**
 - 2007-present
- Director – Spine Care, Neuroscience Institute, Carolinas Healthcare System**
 - 2010-17
- Medical Director – Neurosurgery, Neuroscience Division/Carolinas Medical Center**
 - 2017-present
- Member – Perioperative Leadership Committee - Carolinas Medical Center**
 - 2011 –present
 - Block Subcommittee Member: 2011-present
 - Supply Chain Subcommittee Chairman: 2011-16
- Medical Director- Neurosurgical Intensive Care Unit- Carolinas Medical Center**
 - 2007-present
- Board Member - Carolina Center for Specialty Surgery**
 - 2005-present
- Board Member- Carolinas Healthcare System Political Action Committee**
 - 2008-present
- Board Member- UnitedHealthcare Spine Scientific Advisory Board**
 - 2011-present
- Board Member- IASP (International Advocates for Spine Patients) Patient Advocacy Committee**
 - 2012-present
- Board Member- ISASS (International Society for the Advancement of Spine Surgery)**
 - 2016-present
- NFL Unaffiliated Neuro-Trauma Consultant (UNC), National Football League (NFL Carolina Panthers 2010-12)**
 - 2013-present

HONORS AND AWARDS:

- Medical School: Wake Forest University Baptist Medical Center
 - Elected to Alpha Omega Alpha (AOA), 1992
- Undergraduate: Duke University
 - Elected to Phi Beta Kappa, 1986
 - Graduated *Cum Laude*, 1986
 - Graduation with Distinction in Psychology, 1986
 - Dean's List, 1983-86

PROFESSIONAL MEMBERSHIPS:

- North Carolina Medical Society
- Mecklenburg County Medical Society
- American Association of Neurological Surgeons
- Congress of Neurological Surgeons
- **Scientific Program Committee 2013, 2014, 2016, 2017**
- AANS/CNS Joint Section on Spine and Peripheral Nerves
 - **Scientific Program Committee 2009-present**
 - **Executive Committee 2015-present**
 - **Education Standing Committee – Chair 2015-present**
- Southern Neurosurgical Society
 - **Executive Committee 2007-present**
 - **Treasurer 2010-12**
 - **President-elect 2013**
 - **President 2014**
 - **Immediate Past-President 2015**
- North Carolina Spine Society
 - **Executive Committee 2004-2010**
 - **President-elect 2006**
 - **President 2007**
- International Society for the Advancement of Spinal Surgery (ISASS)/ Spine Arthroplasty Society (SAS)
 - **ISASS Journal Editorial Board/Reviewer 2008-present**
 - **Associate Editor 2014**
 - **Section Editor-Complications 2015-present**
 - **ISASS Scientific Program Committee 2008-2010, 2012-14**
 - **ISASS Clinical Program Co-Chair 2014-15**
 - **ISASS Overall Program Chair 2015-16**
 - **ISASS Board of Directors 2016-present**

GRANTS:

- Generation of experimental protocol. "A prospective assessment of posterior lumbar interbody and anterior cervical allograft fusions with single photon emission computed tomography (SPECT)"
- \$ 15,000 grant from Joint Section on Disorders of the Spine and Peripheral Nerves of the AANS/CNS (1996)

RESEARCH:

- Principal Investigator: 'Study of Safety and Effectiveness of the Bryan Cervical Disc Prosthesis in the Treatment of Degenerative Disc Disease'
- Prospective, randomized, controlled multi-center Pivotal IDE Study

- Principal Investigator: ‘A Prospective, Randomized, Controlled, Multi-center, Pivotal Study of OP-1 Putty in Un-Instrumented Posterolateral Fusions.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: ‘Clinical Investigation of the Kineflex Spinal System.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: ‘Clinical Investigation of the Kineflex-C Spinal System.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: A Prospective, Multi-center Clinical Study to Assess the Safety and Effectiveness of the Impliant TOPS System.
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: Discover Artificial Cervical Disc Pivotal IDE Study. ‘A Multi-Center, Prospective, Randomized Controlled Trial Comparing Cervical Arthroplasty to ACDF for the Treatment of Cervical Degenerative Disc Disease.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study
 - **Executive Committee**

- Principal Investigator: NUBAC mechanical nucleus replacement Pilot Study. ‘A Prospective, Multi-Center Clinical Trial Evaluating the Safety and Effectiveness of NUBAC.’
 - Prospective, Pilot IDE Study
 - **Executive Committee**

- Principal Investigator: NUCOR injectable nucleus replacement.
 - Prospective, Pilot IDE Study

- Principal Investigator: ‘Clinical Study to Evaluate the Safety and Effectiveness of the Aesculap Activ-L Artificial Disc in the Treatment of Degenerative Disc Disease.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: M6 Cervical Artificial Disc Pilot Study.
 - Prospective, Pilot IDE Study

- Principal Investigator: NUBAC mechanical nucleoplasty Pivotal Study. ‘A Prospective, Multi-Center, Randomized, Controlled Clinical Trial Evaluating the Safety and Effectiveness of NUBAC Disc Arthroplasty.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study
 - **Lead Investigator**

- Principal Investigator: ‘An Open Label I/II Pilot Study to Evaluate the Treatment of Degenerative Lumbar Discs with Allogenic Cultured Chondrocytes.’
 - Prospective Pilot IND Study
 - **Lead Investigator**

- Principal Investigator: ‘A radiographic and clinical study evaluating a novel allogeneic, cancellous bone matrix containing viable stem and osteoprogenitor cell in posterior lumbar or transforaminal lumbar interbody fusion (PLIF or TLIF).’
 - Prospective, non-randomized

- Principal Investigator: ‘A radiographic and clinical study evaluating a novel allogeneic, cancellous bone matrix containing viable stem and osteoprogenitor cell in ACDF.’
 - Prospective, non-randomized

- Principal Investigator: Freedom lumbar total disc replacement Pivotal Study. ‘An IDE Study of the Freedom Lumbar Disc in the Treatment of Lumbar Degenerative Disc Disease.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: ‘A Prospective, Multicenter, Double-Blind, Controlled Study Evaluating Safety and Preliminary Efficacy of a Single Injection of Adult Allogeneic Mesenchymal precursor Cells Combined with Hyaluronan in Subjects with Chronic Discogenic Lumbar Back Pain.’
 - Prospective, randomized, placebo-controlled, multi-center IND Study

- Principal Investigator: ‘The Investigational Plan for the Evaluation of the ACADIA Facet Replacement System.’
 - Prospective, randomized, controlled, multi-center Pivotal IDE Study

- Principal Investigator: ‘A Phase II, Randomized, Double Blind, Placebo Controlled Study Evaluating the Treatment of Degenerative Lumbar Discs with Allogeneic Cultured Chondrocytes.’
 - Prospective, randomized, double-blind, placebo-controlled IND Phase II Study
 - **Lead Investigator**

- Principal Investigator: ‘A Prospective, Multicenter, Double-Blind, Controlled Study Evaluating Safety and Efficacy of a Single Injection of Adult Allogeneic Mesenchymal precursor Cells Combined with Hyaluronan in Subjects with Chronic Discogenic Lumbar Back Pain.’ – Phase III
 - Prospective, randomized, placebo-controlled, multi-center IND Study

- Principal Investigator: M6 Cervical Artificial Disc Pivotal Study: Prospective, Concurrently Controlled, Multi-Center Study to Evaluate the Safety and Effectiveness of the Spinal Kinetics M6-C Artificial Cervical Disc Compared to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of Symptomatic Cervical Radiculopathy.
 - Prospective, Pivotal IDE Study
 - **Co-Lead Investigator**

- Principal Investigator: Pilot Study of Clinical Safety and Feasibility of the PLGA Poly-L-Lysine Scaffold for the Treatment of Complete (ASIA A) Traumatic Acute Spinal Cord Injury.

- Prospective Pilot IND Study
- Principal Investigator: Simplify Cervical Artificial Disc Pivotal Study: Prospective, Multi-Center IDE Study
 - Prospective, Pivotal IDE Study
 - **Co-Lead Investigator**
- Principal Investigator: ‘A prospective, randomized, double-blinded, vehicle and placebo controlled, multicenter study to evaluate the safety and preliminary efficacy of IDCT in subjects with single-level symptomatic lumbar intervertebral disc degeneration.’
 - Prospective, randomized, double-blind, controlled IND Phase I/II Study
 - **Lead Investigator**
- Principal Investigator: ‘A Prospective, Multi-Center Clinical Study to Assess the Safety and Effectiveness of the Premia Spine Tops System TOPS.’
 - Prospective, randomized, controlled IDE Phase Study
 - **Lead Investigator**

PAPERS:

- Branch CL and **Coric D**. Stereotactic radiosurgery: A review of "Gamma knife" and "Linac knife" technology and the unit at the Wake Forest University Medical Center. *NC Medical Journal* **53**: 395-399, 1992.
- **Coric D** and Murstein BI. Bulimia nervosa: Prevalence and psychological correlates in a college community. *Eating Disorders* **1**: 38-50, 1993.
- **Coric D**, Branch CL, Graham A. Pedicle screw and plate/rod fixation of the thoracic and lumbar spine: Safety and efficacy in 113 patients. *Perspectives in Neurological Surgery* **6**: 85-93, 1995.
- **Coric D**, Branch CL, Wilson JA, Robinson J. Arteriovenous fistula as a complication of C1-C2 transarticular screw fixation: Case report and a review of the literature. *J Neurosurgery* **85**: 340-343, 1996.
- **Coric D**, Wilson JA and Kelly DL, Jr. Treatment of traumatic spondylolisthesis of the axis with nonrigid immobilization: A review of sixty-four cases. *J Neurosurgery* **85**: 550-554, 1996
- **Coric D**, Branch CL and Jenkins JD. Revision of anterior cervical pseudarthrosis with anterior allograft fusion and plating. *J Neurosurgery* **86**: 969-974, 1997.
- **Coric D** and Branch CL. Posterior lumbar interbody fusion (PLIF) in the treatment of spinal stenosis. *Neurosurgical Focus* **3(2)**: Article 5, 1997.

- **Coric D**, Wilson JA, Regan JD and Bell DA. Primary stenting of the extracranial internal carotid artery in a patient with multiple cervical dissections: Case report. *Neurosurgery* **43**:956-959, 1998.
- Jenkins JD, **Coric D** and Branch CL. A clinical comparison of one- versus two-screw anterior odontoid fixation in 37 patients. *J Neurosurgery* **89**:366-370, 1998.
- **Coric D**, Finger F, Boltes P. The Bryan Cervical Disc prospective, randomized, controlled study: Early clinical results from a single investigational site. *J Neurosurg-Spine* **41**:31-35, 2006.
- McAfee P, Khoo LT, Pimenta L, Capuccino A, **Coric D**, Hes R, Conix B, Asgarzadie F, Hamzaoglu A, Morofsky Y, Anekstein Y: Treatment of lumbar spinal stenosis with a total posterior arthroplasty prosthesis: implant description, surgical technique, and a prospective report on 29 patients. *Neurosurgical Focus* **22(1)**: Article 13, 2007.
- Bao QB, Songer M, Pimenta L, Werner D, Reyes-Sanchez A, Balsano M, Agrillo U, **Coric D**, Davenport K, Yuan H. Nubac disc arthroplasty: Preclinical studies and preliminary safety and efficacy evaluations. *SAS J* **1(1)**:36-45, 2007.
- **Coric D** and Mummaneni P. Nucleus replacement technologies. *J Neurosurg-Spine* **8**:115-120, 2008.
- **Coric D** and Adamson TE. Posterior cervical microendoscopic foraminotomy. *Neurosurgical Focus*, August 25(2):1-5, 2008.
- Heller JG, Sasso RC, Papadopoulos SM, Anderson PA, Fessler RG, Hacker RJ, **Coric D**, Cauthen JC, Riew DK. Comparison of BRYAN Cervical Disc Arthroplasty With Anterior Cervical Decompression and Fusion. *Spine* **34**:101-107, 2008.
- Smith HE, Rihn JA, Brodke D, Guyer R, **Coric D**, Lonner B, Shelokov AP, Riley L, Farup C, Phillips FM, Albert TJ: Spine Care: Evaluation of Emerging Technology. *American Journal of Medical Quality*. Nov/Dec 24:25-31S, 2009.
- **Coric D**, Cassis J, Carew J, Boltes MO. Prospective Study of Cervical Arthroplasty: 98 Patients from Three Separate IDE Studies from a Single Investigational Site with Minimum Two Year Follow-up. *J Neurosurg-Spine* **13**:715-721, 2010.
- Guyer RD, Pettine K, Knight KA, Davis Reginald, Dimmig TA, **Coric D** et al: Radiographic Comparison of Two Lumbar Total Disc Replacement Devices: Results from a Prospective, Randomized, Controlled Multicenter FDA-Regulated Trial. *Spine J*, S12-13, 2010
- **Coric D**, Nunley P, Guyer RD, Musante D, Carmody C, Gordon C, Lauryssen C, Ohnmeiss D, Boltes MO: Prospective, Randomized, Multicenter Study of

Cervical Arthroplasty: 269 Patients from the Kineflex[®]|C Artificial Disc IDE Study with Minimum Two Year Follow-up. *J Neurosurg-Spine* 15:348-358, 2011.

• Upadhyaya CD, Wu JC, Haid RW, Traynelis VC, Tay B, **Coric D**, Trost G, Mummaneni PV: Analysis of the three US FDA-IDE Cervical Arthroplasty Trials. *J Neurosurg-Spine* 16:216-228, 2012.

• Laurysen C, **Coric D**, Dimmig T, Musante D, Ohnmeiss DD, Stubbs HA: Cervical total disc replacement using a novel compressible prosthesis: Results from a prospective Food and Drug Administration-regulated feasibility study with 24-month follow-up. *IJSS* 6:71-77, 2012.

• **Coric D**, Pettine K, Sumich A, Boltes MO: Prospective Study of Disc Repair with NuQu[®] Injectable Allogeneic Chondrocytes. *J Neurosurg-Spine* 18:36-42, 2013.

• **Coric D**, Kim PK, Clemente J, Boltes MO, Nussbaum M, James, S: Prospective, Randomized Study of Cervical Arthroplasty and ACDF with Long-Term Follow-up: 74 Patients from a Single Site with Four- to Eight-year Follow-up. *J Neurosurg-Spine* 18:85-95, 2013.

• Guyer RD, Pettine K, Roh JS, Dimmig TA, **Coric D**, McAfee PC, Ohnmeiss DD: Comparison of Two Lumbar Total Disc Replacements: Results of a Prospective, Randomized, Controlled Multicenter Food and Drug Administration Trial with 24-month Follow-up. *Spine* 39:925-931, 2014.

• **Coric D**: ISASS Policy Statement-Cervical Artificial Disc. *IJSS* 8, 2014, doi:10.14444/1006

• McGirt MJ, Godil SS, Adamson TE, **Coric D**, Dyer EH, Asher AL: Samuel Hassenbusch young neurosurgeon award: Anterior cervical discectomy and fusion in the ambulatory care setting: defining its value across the acute and post-acute care episode. *Neurosurgery* 2014 Aug;61 Suppl 1:205. doi: 10.1227/01.neu.0000452413.68699.9d. PMID: 25032590

• **Coric D**: Spinal Technologies Not in the United States: An Editorial. *Neurosurgery: August 2014 - Volume 61:26-29* doi:10.1227/NEU.0000000000000398

• Garcia R, Yue J, Blumenthal S, **Coric D**, Patel V, et al: Lumbar Total Disc Replacement for Discogenic Low Back Pain: Two-year Outcomes of the Activ-L Multicenter Randomized Controlled IDE Clinical Trial. *Spine* 40 November, 2015.

• Guyer RD, Pettine K, Roh JS, Dimmig TA, **Coric D**, McAfee PC, Ohnmeiss DD: Five-Year Follow-Up of a Prospective, Randomized Trial Comparing Two Lumbar Total Disc Replacements. *Spine (Phila Pa 1976)*. 2016 Jan;41(1):3-8. doi: 10.1097/BRS.0000000000001168.

• Radliff K, **Coric D**, Albert T: Five year results of cervical total disc replacement with the Mobi-C cervical artificial disc compared with anterior discectomy and fusion for treatment of 2-level symptomatic degenerative disc disease: an independent critical review of the prospective, randomized, controlled multicenter investigational device exemption clinical trial. *J Neurosurg Spine*. 2016 Mar 25:1-12. [Epub ahead of print] DOI: 10.3171/2015.12.SPINE15824.

-Best of JNSPG 2016

• Patwardhan A, Carandang G, Voronov K, Havey R, Paul G, Laurysen C, **Coric D**, Dimmig T, Musante D: Are Collapsed Cervical Discs Amenable to Total Disc Arthroplasty? Analysis of Prospective Clinical Data with 2-Year Follow Up. *Spine* 41:1866-1875, 2016.

• **Coric D**, Parish JM, Boltes M: M6-C Artificial Disc Placement. *Neurosurgical Focus*, Video Supplement, *Cervical Disc Arthroplasty*, January 2017

• **Coric D**, Mummaneni P, Traynelis V, Wang J: Introduction to Cervical Disc Arthroplasty. *Neurosurgical Focus*, Cervical Arthroplasty, February 2017

• **Coric D**, Guyer R, Nunley P, Musante D, Carmody C, Gordon C, Laurysen C, Boltes M, Ohnmeiss D: Prospective, Randomized, Multicenter Study of Cervical Arthroplasty versus Anterior Cervical Discectomy and Fusion: 5-year Results with a Metal-on-Metal Artificial Disc. Accepted for publication, *J Neurosurg Spine*, May 2017.

• Praveen V. Mummaneni, MD; Erica F. Bisson, MD, MPH; Panagiotis Kerezoudis, MD; Steven Glassman, MD; Kevin Foley, MD; Jonathan Slotkin, MD; Eric Potts, MD; Mark Shaffrey, MD; Christopher I. Shaffrey, MD; **Domagoj Coric, MD**; John Knightly, MD; Paul Park, MD; Kai-Ming Fu, MD, PhD; Clinton J. Devin, MD; Silky Chotai, MD; Andrew K. Chan, MD; Michael Virk, MD, PhD; Anthony L. Asher, MD; and Mohamad Bydon, MD: Minimally invasive versus open fusion for Grade I degenerative lumbar spondylolisthesis: analysis of the Quality Outcomes Database. Accepted for publication *NS FOCUS*17-188, 2017

BOOK CHAPTERS:

• **Coric D** and Oberer D. Surgical approaches for cervical spine arthroplasty. In Yue J, Bertagnoli R, McAfee PC and An H, eds. *Motion Preservation Surgery of the Spine: Advanced Techniques and Controversies* Chapter 20. Elsevier, Philadelphia, 2008

• Bao Q, Songer M, Pimenta L, Yuan H and **Coric D**. NUBAC Disc Arthroplasty. In Yue J, Bertagnoli R, McAfee PC and An H, eds. *Motion Preservation Surgery of the Spine: Advanced Techniques and Controversies* Chapter 58. Elsevier, Philadelphia, 2008

- Balsano M, **Coric D** and Derks M. NUBAC Disc Replacement System: Rationale and Clinical Results. In Szpalski M, Gunzburg R, et al, eds. *Surgery for Low Back Pain*. Chapter 5.11. Springer-Verlag, Berlin, 2010
- **Coric D** and Kim P. Lumbar arthroplasty. Chapter 294, in *Youmans Neurological Surgery* Fifth Edition, WB Saunders Co, 2011
- Kim PK and **Coric D**. Management of Traumatic Bilateral Jumped Cervical Facet Joints in a Patient with Complete Myelopathy: Open Reduction. In *Spine Surgery: Techniques, Complication Avoidance, and Management, 3rd Ed*, Chapter 227a, Elsevier Press, 2012
- **Coric D** and Adamson TE. Cervical Nuclear Replacement. In *Cervical Spine Surgery: Current Trends and Challenges*, Quality Medical Pub, 2014
- Adamson TE and **Coric D**. Minimally Invasive Posterior Cervical Foraminotomy and Discectomy. In *Cervical Spine Surgery: Current Trends and Challenges*, Quality Medical Pub, 2014
- Ziewasc J and **Coric D**. Revision Spinal Surgery. In *Neurosurgery Knowledge Update*, Thieme Medical Pub, 2015
- **Coric D**, Cahill K, Kim P. Posterior, Transforaminal, and Anterior Lumbar Interbody Fusion: Techniques and Instrumentation. In *Youmans & Winn Neurological Surgery, 7/e*, Elsevier Inc, 2017
- **Coric D**. Cellular Injection Techniques for Discogenic Pain. In *Benzel's Spine Surgery: Techniques, Complication Avoidance, and Management, 4e*, Elsevier Inc, 2017
- Atkins T and **Coric D**. Cervical Kyphosis (Post-Laminectomy) Surgery Complication. In *Spinal Deformity: A Case-Based Approach to Managing and Avoiding Complications*, Springer, chapter submitted 2016
- Parish JM and **Coric D**. Atlantoaxial Instability. In *Spinal Neurosurgery*, Oxford University Press, chapter submitted 2016
- **Coric D**, Mummaneni P, Traynelis V, Wang J: Neurosurgical Focus: Cervical Arthroplasty (Topic Editors). February 2017

Peer-Reviewed Podium PRESENTATIONS:

- **Coric D** and Wilson JA. Treatment of traumatic spondylolisthesis of the axis with nonrigid immobilization: A review of sixty-four cases. Paper presented at:
 - 1995 Annual Meeting of the American Association of Neurological Surgeons- *Plenary Session* (Orlando, FL)
- **Coric D** and Branch CL. Pedicle screw and plate/rod fixation of the thoracic and lumbar spine: Safety and efficacy in 113 patients. Paper presented at:

- 1995 Annual Meeting of Joint Section on Disorders of the Spine and Peripheral Nerves (Phoenix, AZ)
- **Coric D.** Screw fixation of the upper cervical spine: Anterior odontoid screw fixation and posterior atlantoaxial transarticular screw fixation.
 - 1996 Annual Meeting of North Carolina Neurosurgical Society (Pinehurst, NC)
- **Coric D** and Branch CL. Spinal Chordomas.
 - 1997 91st Annual Scientific Assembly of Southern Medical Association (Charlotte, NC)
- **Coric D**, Fishgrund JS, Patel T, et al. Two-Year Follow-up on Patients in a Pilot Safety and Efficacy Study of OP-1 (rhBMP-7) in Posterolateral Lumbar Fusion as a Replacement for Iliac Crest Autograft.
 - 2004 Annual Meeting of Congress of Neurological Surgeons (San Francisco, CA)
- **Coric D**, Finger F, Boltes P. The Bryan Cervical Disc Prospective, Randomized, Controlled Study: Early Clinical Results from A Single Investigational Site.
 - 2005 Annual Meeting of Joint Section on Disorders of the Spine and Peripheral Nerves (Phoenix, AZ)
 - 2005 World Spine III Conference (Rio de Janeiro, Brazil)
- **Coric D**, Finger F, Boltes P. Prospective, Randomized, Controlled study of the Bryan Cervical Disc: Intermediate Results from a Single Investigational Site.
 - 2006 Annual Meeting of Congress of Neurological Surgeons, Open Paper at CNS Neurosurgical Forum (Chicago, IL)
- Mummaneni PV and **Coric D.** Nucleus Replacement Technologies: What, When and If
 - 3/7/07 2007 Joint Section on Spine and Peripheral Nerves, Scientific Session III (Phoenix, AZ)
- **Coric D**, Finger F, Boltes P. Prospective, Randomized, Controlled study of the Bryan Cervical Disc: Intermediate Results from a Single Investigational Site.
 - 3/15/07 2007 Southern Neurosurgical Society Annual Meeting, Scientific Session I Oral Abstract (Sea Island, GA)
- **Coric D**, Yuan H, Songer M, Davenport K, Pimenta L, Reyes-Sanchez A, et al: Clinical experience with NUBAC disc arthroplasty.
 - 5/3/07 2007 Spine Arthroplasty Society SAS7 Annual Meeting, Oral Paper Presentation (Berlin, Germany)
- **Coric D.** 2008 Southern Neurosurgical Society Annual Meeting.
 - Prospective, randomized trial of Kineflex vs. Charite TDR: Minimum 1 year follow-up.
 - Prospective randomized controlled study of cervical arthroplasty: Results from three separate IDE studies from a single investigational site.
 - Spine Surgery Update
 - 2/5-9/2008 (Puerto Rico)
- **Coric D.** Lumbar Arthroplasty: Total disc replacement and nucleus replacement.
 - 2008 5th Croatian Neurosurgical Society Meeting.
 - (Faculty) (Dubrovnik, Croatia)
- **Coric D** and Phillips F. Radiographic analysis of rotation at index and adjacent levels following total disc replacement-Clinical experience from IDE subjects. Oral poster presented at:

- 2009 Ninth Annual Meeting of Spine Arthroplasty Society (London, UK)
- **Coric D**, Cassis J, Carew J, Boltes MO. Prospective Study of Cervical Arthroplasty: 98 Patients from Three Separate IDE Studies from a Single Investigational Site with Minimum Two Year Follow-up.
- Neurosurgical forum: Section on Disorders of Spine and Peripheral Nerves: 2009 CNS Annual Meeting (New Orleans, LA)
- **Coric D**, Pimenta L, Hamzaoglu A, McAfee P, et al. Treatment of Lumbar Spinal Stenosis with a Total Posterior Arthroplasty Prosthesis versus Posterior Lumbar Fusion: A Prospective Report on 145 Patients. Oral poster presented at:
 - 2010 10th Annual Meeting of Spine Arthroplasty Society (New Orleans, LA)
- **Coric D**, Cassis J, Carew JD, Boltes MO. Prospective Study of Cervical Arthroplasty: 98 Patients from Three Separate IDE Studies from a Single Investigational Site with Minimum Two Year Follow-up. Oral paper at:
 - 2010 10th Annual Meeting of Spine Arthroplasty Society (New Orleans, LA)
- **Coric D**, Regan J, Songer MN. Two Year Follow-up Results from the US IDE Feasibility of NUBAC, an Articulating PEEK on PEEK Nucleus Replacement Device. Oral paper at:
 - 2010 10th Annual Meeting of Spine Arthroplasty Society (New Orleans, LA)
- **Coric D**, Songer M. NUBAC nucleus replacement.
 - 2011 Southern Neurosurgical Society Annual Meeting (Orlando, FL)
- **Coric D**, Nunley P, Guyer RD, Musante D, Carmody C, Gordon C, Lauryssen C, Ohnmeiss D, Boltes MO: Prospective, Randomized, Multicenter Study of Cervical Arthroplasty: 269 Patients from the Kineflex®|C Artificial Disc IDE Study with Minimum Two Year Follow-up.
 - 2011 Southern Neurosurgical Society Annual Meeting (Orlando, FL)
- **Coric D** and Songer M: Prospective Results from the US IDE Feasibility Study of a Novel Peek-On-Peek Nucleus Replacement Device with Minimum Two-Year Follow-up.
 - 2011 27th AANS/CNS Joint Section on Spine (Phoenix, AZ).
 - (Oral Poster Presentation)
- **Coric D**, Nunley P, Guyer RD, Musante D, Carmody C, Gordon C, Lauryssen C, Ohnmeiss D, Boltes MO: Prospective, Randomized, Multicenter Study of Cervical Arthroplasty: 269 Patients from the Kineflex®|C Artificial Disc IDE Study with Minimum Two Year Follow-up.
 - 2011 27th AANS/CNS Joint Section on Spine (Phoenix, AZ).
 - (Oral Platform Presentation)
- **Coric D**, Nunley P, Guyer RD, Musante D, Carmody C, Gordon C, Lauryssen C, Ohnmeiss D: Analysis of Adjacent Segment Degeneration: Results of a Prospective, Randomized Study Comparing Cervical Total Disc Replacement vs. Anterior Cervical Fusion.
 - 2011 SAS12 International Society for the Advancement of Spinal Surgery (Las Vegas, NV).
- **Coric D** and Songer M: Prospective Study of NUBAC Nucleus Replacement: Combined Data from 2 IDE Sites.
 - 2011 SAS12 International Society for the Advancement of Spinal Surgery (Las Vegas, NV).

- **Coric D**, Kim P, Boltes MO: Prospective, Randomized Study of Cervical Arthroplasty and ACDF with Long-Term Follow-up: 75 Patients from a Single Site with Four- to Eight-year Follow-up.
 - 2012 28th AANS/CNS Joint Section on Spine (Orlando, FL).
 - (Oral Platform Presentation)
- **Coric D**, Pettine K, Sumich A, Boltes MO: Prospective Study of Disc Repair with NuQu[®] Injectable Allogeneic Chondrocytes.
 - 2012 28th AANS/CNS Joint Section on Spine (Orlando, FL).
 - (Oral Platform Presentation)
- **Coric D**, Kim P, Boltes MO: Prospective, Randomized Study of Cervical Arthroplasty and ACDF with Long-Term Follow-up: 75 Patients from a Single Site with Four- to Eight-year Follow-up.
 - 2012 North Carolina Spine Society (Charlotte, NC).
- **Coric D**, Pettine K, Sumich A, Boltes MO: Prospective Study of Disc Repair with NuQu[®] Injectable Allogeneic Chondrocytes.
 - 2012 North Carolina Spine Society (Charlotte, NC).
- **Coric D**, Pettine K, Boltes MO: Prospective Study of Biologic Disc Repair with NuQu[®] Percutaneous Allogeneic Chondrocytes with Two-year Follow-up.
 - 2014 65th Southern Neurosurgical Society Annual Meeting (San Juan, PR)
- **Coric D**: Kineflex/C Cervical Arthroplasty: Long-term Clinical and Radiographic Outcomes from a Prospective Randomized IDE Study.
 - 2014 30th AANS/CNS Joint Section on Spine (Orlando, FL).
 - (Oral Poster Presentation)
- **Coric D**, Pettine K, Boltes MO: Prospective Study of Biologic Disc Repair with NuQu[®] Percutaneous Allogeneic Chondrocytes with Two-year Follow-up.
 - 2014 30th AANS/CNS Joint Section on Spine (Orlando, FL).
 - (Oral Platform Presentation)
- **Coric D**: Kineflex/C Cervical Arthroplasty: Long-term Clinical and Radiographic Outcomes from a Prospective Randomized IDE Study.
 - 2014 14th International Society for the Advancement of Spinal Surgery Meeting (Miami, FL).
 - (Oral Podium Presentation)
- **Coric D**, Pettine K, Boltes MO: Prospective Study of Biologic Disc Repair with NuQu[®] Percutaneous Allogeneic Chondrocytes with Two-year Follow-up.
 - 2014 14th International Society for the Advancement of Spinal Surgery (Miami, FL).
 - (Oral Podium Presentation)
- **Coric D**. Cervical Arthroplasty: State of the Art.
 - 7th Congress of the Croatian Neurosurgical Society 2014.
 - (Faculty) (Zagreb, Croatia)
- **Coric D**. Sagittal balance and spinopelvic parameters in degenerative fusion surgery.
 - 7th Congress of the Croatian Neurosurgical Society 2014.
 - (Faculty) (Zagreb, Croatia)
- **Coric D**, Radliff K, Albert T: Five year results of cervical total disc replacement with the Mobi-C cervical artificial disc compared with anterior discectomy and fusion for treatment of 2-level symptomatic degenerative disc disease: an independent critical review of the prospective, randomized, controlled

multicenter investigational device exemption clinical trial.

- 2015 66th Southern Neurosurgical Society Annual Meeting (Naples, FL)

• **Coric D**, Radliff K, Albert T: Five year results of cervical total disc replacement with the Mobi-C cervical artificial disc compared with anterior discectomy and fusion for treatment of 2-level symptomatic degenerative disc disease: an independent critical review of the prospective, randomized, controlled multicenter investigational device exemption clinical trial.

- ISASS15 15th ISASS Annual Conference (San Diego, CA)

• **Coric D**, Radliff K, Albert T: Five year results of cervical total disc replacement with the Mobi-C cervical artificial disc compared with anterior discectomy and fusion for treatment of 2-level symptomatic degenerative disc disease: an independent critical review of the prospective, randomized, controlled multicenter investigational device exemption clinical trial.

- CNS 2015 Annual Conference (New Orleans, LA)

• **Coric D**: Acute Spinal Cord Injury: Surgical Treatment with Neuro-Spinal Scaffold.

- NC Spine Society 2017 Annual Meeting (Charlotte, NC)

Invited PRESENTATIONS:

• **Coric D**. International Guest- *Spine Weekend*, May 31- June 2, 2002 (Coolum, Australia)

- Posterior Lumbar Interbody Fusion (PLIF) and Pedicle Screw Fixation
- Anterior Thoracolumbar Stabilization
- Surgical Stabilization of Odontoid Fractures

• **Coric D**. Faculty – *Neurotrauma and Sports Medicine Review*, February 6-9, 2003 (Orlando, FL)

- Initial Management of the Spinal Cord Injured Patient
- Thoracolumbar Trauma: Posterior Decompression and Pedicle Screw Fixation.

• **Coric D**. International Guest – *The Practical Management of Complex Pathologies: An Expert Forum* (Faculty) June 11-13, 2004 (Gold Coast, Australia)

- Emerging Concepts in Cervical Spine Surgery
- Current Concepts in Thoraco-Lumbar Spine Surgery

• **Coric D**. Cervical and lumbar artificial disc replacement.

- 2004 Annual Meeting of North Carolina Neurosurgical Society (Pinehurst, NC)

• **Coric D**. Bryan cervical artificial disc replacement.

- 2004 Annual Meeting of North Carolina Spine Society (Asheville, NC)

• **Coric D**. 12th International Meeting on Advanced Spine Techniques (IMAST), July 7-9, 2005 (Banff, Canada) (Faculty – *Cervical Challenges*)

- *Comprehensive Approaches to the Anterior/Posterior Spine: Open PLIF 360 Fusion* – Instructional Course Lecture #1
- **Coric D.** Cervical and lumbar total disc replacement - Update.
 - 2005 Annual Meeting of North Carolina Spine Society (Greensboro, NC)
- **Coric D.** Artificial cervical and lumbar disc replacement.
 - 2005 Annual Clinical Assembly of Osteopathic Specialists (Orlando, FL)
- **Coric D.** Cervical microendoscopic laminoforaminotomy/discectomy.
 - 2005 Annual Clinical Assembly of Osteopathic Specialists (Orlando, FL)
- **Coric D.** Lumbar Arthroplasty Clinical Experience Outside the IDE Study.
 - 2006 1st Annual Spine Arthroplasty Summit (Salt Lake City, UT) (Faculty)
- **Coric D.** Artificial Disc Update.
 - 2006 Controversies in Lumbar Spine Surgery Symposium (Las Vegas, NV) (Faculty)
- **Coric D.** New Technology Update.
 - 2006 Annual Meeting of North Carolina Spine Society (Greensboro, NC)
- **Coric D.** Motion Preservation Alternatives to Fusion in Spine Surgery.
 - 2006 CNS Special Course VI. Co-Course Director.
- **Coric D.** Lumbar Nucleoplasty.
 - 2006 CNS Luncheon Arthroplasty Seminar. (Faculty) (Chicago, IL)
- **Coric D.** New Technologies in the Surgical Management of Cervical Spine Pathologies. CME Case-based Roundtable Meeting.
 - 10/28/06 (Course Co-chairman) (Charlotte, NC)
- **Coric D.** Posterior Dynamic Stabilization and Nucleoplasty: How They Fit in the Treatment of Lumbar DDD.
 - 2/18-21/07 Current Concepts in Emerging Technologies in Spine (Faculty) (Vail, CO)
- **Coric D.** Cervical Artificial Disc Surgery.
 - 3/16/07 2007 Southern Neurosurgical Society Annual Meeting, (Sea Island, GA)
- **Coric D.** 14th International Meeting on Advanced Spine Techniques (IMAST), July 13-14, 2007 (Nassau, Bahamas) (Faculty)
 - *Lumbar Artificial Disc: Advanced Clinical Expertise*– Instructional Course Lecture #2 (Course Chairman)
- **Coric D.** Lumbar Arthroplasty: Total Disc Replacement.
 - 2007 CNS Luncheon Arthroplasty Seminar. (Faculty) (San Diego, CA)
- **Coric D.** Ambulatory Surgery Centers: Developing a Successful Joint Venture Surgicenter.
 - 2007 CNS Socioeconomic Practical Course. (Faculty) (San Diego, CA)
- **Coric D.** Single Level Cervical Arthroplasty.
 - 2007 CNS Arthroplasty Practical Course. (Faculty) (San Diego, CA)
- **Coric D.** *Vail Spinal Summit 2008.*
 - Course Co-Chair (Coric D, Shaffrey C, Albert T, Newton P)
 - New Technology and Nucleus Replacement Device Overview
 - 2/10-13/2008 (Vail, Colorado)
- **Coric D.** *2008 Preservation of Motion in the Spine.*

- Posterior dynamic stabilization, facet replacement and nucleus replacement – How they fit in the treatment of DDD
- Lumbar Arthroplasty: Total Disc Replacement
- Cervical Arthroplasty: Results from four separate systems
- 4/2-5/2008 (Duck Key, FL)
- **Coric D.** Single Level Cervical Arthroplasty.
- 2008 CNS Arthroplasty Practical Course PC 22. (Faculty) (Orlando, FL)
- Lumbar Arthroplasty (Luncheon seminar)
- Cervical Arthroplasty: What's currently available and what's coming in clinical trials (Special session on cervical arthroplasty)
 - **Coric D.** *2009 Preservation of Motion in the Spine.*
 - Cervical Arthroplasty: What's Available Now and What's Coming
 - Future of Lumbar Arthroplasty: Nucleus and Facet Replacement
 - 4/2-5/2009 (Duck Key, FL)
 - **Coric D.** *'Future Spinal Technologies'* (Course Co-director, New Orleans, LA)
 - 2009 CNS Arthroplasty Practical Course PC 19.
 - Nucleus Repair, Augmentation and Replacement
 - **Coric D.** Cervical Arthroplasty: Indications and Techniques.
 - 2009 CNS Disk Arthroplasty of the Cervical and Lumbar Spine. (Luncheon seminar M03 - Faculty) (New Orleans, LA)
 - **Coric D.** *2010 Preservation of Motion in the Spine.*
 - Lumbar Total Disc Replacement: From Charite to Freedom
 - Nucleus Repair and Replacement
 - Cervical Arthroplasty: Review and Update
 - 4/7-10/2010 (Duck Key, FL)
 - **Coric D.** Minimally Invasive Posterior Cervical Laminoforaminotomy.
 - 2010 Breakfast Seminar 102 *Minimally Invasive Spinal Neurosurgery.* (Faculty) AANS Annual Meeting (Philadelphia, PA)
 - **Coric D.** Nucleus Repair and Augmentation.
 - 2010 Breakfast Seminar 112 *Biologics for the Spine.* (Faculty) AANS Annual Meeting (Philadelphia, PA)
 - **Coric D.** *'Dynamic Treatments of Lumbar Degenerative Disc Disease'*
 - 2010 AANS Practical Course PC 26. (Faculty) AANS Annual Meeting (Philadelphia, PA)
- Lumbar TDR in the Treatment of Lumbar DDD
- Lumbar Facet Replacement
 - **Coric D.** *'Nucleus Repair and Replacement'*.
 - 2010 Annual Meeting of North Carolina Spine Society (Charlotte, NC)
 - **Coric D.** *'Nucleus Repair/Cellular Therapy'*.
 - 2010 Pittsburgh Spine Summit (Pittsburgh, PA)
 - **Coric D.** *'Emerging Technology for Spinal Disorders'* (Course Director, San Francisco, CA)
 - 2010 CNS Practical Course PC 21.
 - Nucleus Repair and Augmentation
- **Coric D.** Results of Lumbar Hybrid Surgery.
 - 2010 CNS Disk Arthroplasty of the Cervical and Lumbar Spine. (Luncheon seminar M03 - Faculty) (San Francisco, CA)
- **Coric D.** Lumbar Motion Preservation: Will Emerging Technologies Deliver?

- 2010 CNS Dinner Seminar II: Spinal Arthroplasty: Fact or Fiction. (Dinner Seminar - Faculty) (San Francisco, CA)
- **Coric D.** C3-7 Lateral Mass Fixation.
- 2010 Fundamentals in Spinal Surgery Resident Course (Burr Ridge, IL)
- **Coric D.** Overview of Cervical Arthroplasty.
- 2010 Fundamentals in Spinal Surgery Resident Course (Burr Ridge, IL)
- **Coric D.** *Cervical Arthroplasty.*
- 2011 CNS Spine Webinar Series (1/25/2011)
- **Coric D.** Surgical Modifiers with 2011 Updates.
- - 2011 27th AANS/CNS Joint Section on Spine, Special Course I. *Coding Update and Review.*
- (Faculty) (Phoenix, AZ) (3/09/11)
- **Coric D.** Nuances of MIS Cervical Decompression.
- - 2011 27th AANS/CNS Joint Section on Spine, Special Course IV. *Advanced MIS Techniques/Managing MIS Complications.*
- (Faculty) (Phoenix, AZ) (3/09/11)
- **Coric D.** Ancillary Revenue Generation.
- 2011 27th AANS/CNS Joint Section on Spine, Luncheon Symposium II. *Neurosurgeon as CEO: Business Aspects of Spinal Surgery.*
- (Course Co-Director) (Phoenix, AZ) (3/11/11)
- **Coric D.** Current Status and Outcomes of Cervical Arthroplasty.
- - 2011 27th AANS/CNS Joint Section on Spine, Luncheon Symposium V. *Spinal Arthroplasty.*
- (Faculty) (Phoenix, AZ) (3/11/11)
- **Coric D.** *Current Solutions in Spine Surgery.*
- Adult Degenerative Spinal Deformity
- Nucleus Repair: Biologics in Disc Regeneration
- Evidence Basis for Cervical Total Disc Replacement
- 3/30-4/2/2011 (Duck Key, FL)
- **Coric D.** *'Biologics: Disc Repair'.*
- 2011 Pittsburgh Spine Summit (Pittsburgh, PA)
- **Coric D.** Lumbar Motion Preservation: Will Emerging Technologies Deliver?
- 2011 CNS Dinner Seminar IV: Cervical and Lumbar Arthroplasty. (Dinner Seminar - Faculty) (Washington, DC)
- **Coric D.** Need for Arthroplasty
- 2011 CNS General Scientific Session IV: Case Controversies with the Masters. (Washington, DC)
- **Coric D.** Cervical Arthroplasty.
- 2011 Fundamentals in Spinal Surgery Resident Course (Burr Ridge, IL)
- **Coric D.** Complications of TLIF/PLIF.
- 2011 MERC Lumbar Degenerative Stenosis and Deformity Course (NY, NY)
- **Coric D.** PLIF/TLIF: *Pearls, Outcomes and Complications.*
- 2012 MERC Stenosis in the Degenerative Spine: Decompression and Fusion Strategies (Miami, FL)
- **Coric D.** *Revenue Generation: Ancillary Income and Operational Efficiency.* Special Course I-Neurosurgical Spine: Business and Compensation
- 2012 28th AANS/CNS Joint Section on Spine (Orlando, FL).
- **Coric D.** *Single Level ACDF: My Surgery Center vs. Your Hospital.* Scientific Session II-David Cahill Memorial Controversies I: In-depth Debates.

- 2012 28th AANS/CNS Joint Section on Spine (Orlando, FL).
- **Coric D.** ‘M6 Cervical Disc: 42 Month Clinical Outcomes from US FDA IDE Study.’
- 2012 Spine Week (Amsterdam, NL).
- **Coric D.** ‘Multi-Center Outcomes for TOPS™ System Randomized Against Fusion.’
- 2012 Spine Week (Amsterdam, NL).
- **Coric D.** ‘Complications with Combined Treatments for the Spine’
- 2012 Pittsburgh Spine Summit (Pittsburgh, PA)
- **Coric D.** ‘Neurosurgery Private Practice with an Academic Connection’
- 2012 Pittsburgh Spine Summit (Pittsburgh, PA)
- **Coric D.** 27th North American Spine Society (NASS), October 26, 2012 (Dallas, TX) (Faculty)
- *Replacement Strategies for Lumbar DDD*
- **Coric D.** Complications of TLIF/PLIF.
- 2012 MERC Lumbar Degenerative Stenosis and Deformity Course (NYC, NY)
- **Coric D.** Cervical Myelopathy: *How I Choose Anterior v. Posterior.*
- 2012 MERC Stenosis in the Degenerative Spine: Decompression and Fusion Strategies (NYC, NY)
- **Coric D.** Cervical Arthroplasty Update.
- 2013 Southern Neurosurgical Society 64th Annual Meeting (Sarasota, FL)
- **Coric D.** Spinal Image Guidance using BodyTom CT.
- 2013 Southern Neurosurgical Society 64th Annual Meeting (Sarasota, FL)
- **Coric D.** Neurosurgical Spine: Business and Compensation (Course Co-Director). Revenue Generation: Ancillary Income and Operational Efficiency.
- 2013 29th AANS/CNS Joint Section on Spine, Special Course I.
- (Faculty) (Phoenix, AZ) (3/17/13)
- **Coric D.** Complication Management and Avoidance Strategies.
- 2013 29th AANS/CNS Joint Section on Spine, Lunch Symposium V.
- (Faculty) (Phoenix, AZ) (3/17/13)
- **Coric D.** Cervical HNP with Radiculopathy.
- 2013 29th AANS/CNS Joint Section on Spine, Cahill Memorial Controversies III.
- (Faculty) (Phoenix, AZ) (3/17/13)
- **Coric D.** *Cervical TDR Complications: Adjacent Level Disease in the Cervical Spine.*
- 2013 Pittsburgh Spine Summit (Pittsburgh, PA) (9/13/13)
- **Coric D.** Disc Regeneration Using Autologous Cultured Expanded Disc Derived Stem Cells.
- *Section on Biologics and Basic Research: Stem Cells*
- 2013 28th NASS Annual Meeting.
- (Instructional Course - Faculty) (New Orleans, LA)
- **Coric D.** Spinal Technologies Not in the USA.
- 2013 CNS General Scientific Session II.
- (CNS Annual Meeting 2013) (San Francisco, CA)
- **Coric D.** Spinopelvic Parameters and the Use of Navigation for Adult Deformity Correction.
- 2013 CNS Special Course II.

(Out of Balance: How We Can Improve Outcomes from Spine Surgery) (San Francisco, CA)

- **Coric D.** Surgicenter and Hospital Partnerships.
 - 2013 CNS Luncheon Seminar W37: *Strategies for Maximizing Compensation for Your Neurosurgical Practice.* (CNS Annual Meeting) (San Francisco, CA)
- **Coric D.** ACDF versus Arthroplasty: State of the Art.
 - 2013 CNS Joint Spine Section Session (CNS Annual Meeting 2013) (San Francisco, CA)
- **Coric D.** Cervical Arthroplasty.
 - 2013 *Fundamentals in Spinal Surgery Resident Course* (Houston, TX)
- **Coric D.** PLIF-TLIF.
 - 2013 *Fundamentals in Spinal Surgery Resident Course* (Houston, TX)
- **Coric D.** Expandable in TLIF/PLIF.
 - 2013 *MERC Planning and Achieving Lumbar Spinal Balance* (NYC, NY)
- **Coric D.** Cervical Arthroplasty Workshop
 - Course Director
 - 2014 *Southern Neurosurgical Society 65th Annual Meeting* (San Juan, PR)
- **Coric D.** Neurosurgical Spine: Business and Compensation (Course Co-Director). Hospital Negotiations and Ancillary Revenue Generation.
 - 2014 30th AANS/CNS Joint Section on Spine, Special Course I.
 - (Faculty) (Orlando, FL)
- **Coric D.** *Current Solutions in Spine Surgery.*
 - Adjacent level Degeneration and Cervical Total Disc Replacement
 - Spinal Navigation with Intraoperative CT
 - 4/3-5/2/2014 (Duck Key, FL)
- **Coric D.** Sagittal Balance.
 - *Cross Talk Session*
 - 2014 14th International Society for the Advancement of Spinal Surgery Meeting (Miami, FL)
- **Coric D.** Expandable Interbody Spacers in Revision Surgery.
 - 2014 *Complex Cases and Revision Strategies* (Nashville, TN)
- **Coric D.** *Practical Application of Novel MIS Techniques and Technologies.*
 - Course Co-Chair (Coric D, Prof Jurgen Harms)
 - MIS vs. Open – Patient Selection and Technique
 - Practice Management: Ancillary Income, Hospital/Physician Relations
 - 6/6/2014 (Chicago, IL)
- **Coric D.** Cervical Arthroplasty.
 - 2014 *Fundamentals in Spinal Surgery Resident Course* (Houston, TX)
- **Coric D.** *Treating the One-level Cervical Disc Herniation with Radiculopathy: ACDF v Arthroplasty v Posterior.*
 - CNS Annual Meeting: Dinner Meeting I
 - Boston, MA 10/18/14
- **Coric D.** *Cervical Arthroplasty.*
 - Cervical Arthroplasty and Lumbar Motion Preservation Technologies
 - CNS Annual Meeting: Lunch Seminar
 - Boston, MA 10/21/14
- **Coric D.** 29th North American Spine Society (NASS) meeting. (Faculty)
 - Wonder Drug Symposium
 - *Efficacy of Stem Cells for Degenerative Disc Disease*

- *Efficacy of Growth Factors for Degenerative Disc Disease*
- San Francisco, CA 11/13/14
- **Coric D.** Use of Intraoperative CT and Navigation in Spinal Reconstruction.
- Impacted versus Expandable in TLIF/PLIF.
- *2014 MERC Planning and Achieving Lumbar Spinal Balance*
- NYC, NY 12/12/14
- **Coric D.** Consequences of Post-Op Malalignment.
- *Disruptive Thoughts in Global Alignment*
- Chicago, IL 12/13/14
- **Coric D.** *Presidential Address: 75 years of Neurosurgery in the South 1940-2015.*
- 2015 Southern Neurosurgical Society 66th Annual Meeting (Naples,FL) 3/27/15
- **Coric D.** Neurosurgical Spine: Business and Compensation (Course Co-Director). Hospital Negotiations and Ancillary Income Generation.
- 2015 31st AANS/CNS Joint Section on Spine, Special Course I.
- (Faculty) (Phoenix, AZ) (3/4/15)
- **Coric D.** Achieving the Best Sagittal Balance: Open Posterior.
- 2015 31st AANS/CNS Joint Section on Spine, Lunch Symposium.
- (Faculty) (Phoenix, AZ) (3/5/15)
- **Coric D.** Cervical Arthroplasty: Which Patient is Ideal?
- 2015 31st AANS/CNS Joint Section on Spine, Scientific Session VIII.
- (Faculty) (Phoenix, AZ) (3/6/15)
- **Coric D:** Cervical TDR: Do They Decrease Adjacent Level Disease?
- Point Counterpoint Debate
- ISASS15 15th ISASS Annual Conference (San Diego, CA)
- **Coric D.** *Adjacent level Disease- Arthroplasty or Laminectomy.*
- CNS Annual Meeting: Hot Topics 2
- New Orleans, LA 9/28/15
- **Coric D.** *New Innovations in Spine Surgery (Moderator)*
- Advances in Treatment of Spinal Cord Injury.
- CNS Annual Meeting: Dinner Meeting I
- New Orleans, LA 9/26/15
- **Coric D.** *Cervical Arthroplasty: Update.*
- Cervical Arthroplasty and Lumbar Motion Preservation Technologies
- CNS Annual Meeting: Lunch Seminar
- New Orleans, LA 9/29/15
- **Coric D.** Physiology of Disc Degeneration and Biologic Regeneration and Repair Options.
- VuMedi Webinar: Biological Disc Regeneration and Repair in the Spine Course 10/21/15
- **Coric D.** Cervical Arthroplasty: State of the Art.
- 2015 AANS/NREF Fundamentals in Spinal Surgery Resident Course (Houston, TX) 10/23/15
- **Coric D.** Why Cervical Arthroplasty Is Here to Stay.
- *2016 Southern Neurosurgical Society 67th Annual Meeting (San Antonio,TX)* 3/5/16
- **Coric D.** How Expandable Technology Changed My Practice.
- *2016 Southern Neurosurgical Society 67th Annual Meeting (San Antonio,TX)*

- Spine Workshop 3/4/16
- **Coric D.** Special Course I: Business Challenges and Solutions- Surviving a Bundle (Course Co-Director). The Future of ASCs/Co-management, Gainsharing and the Imminent Spine Bundle.
 - 2016 32nd AANS/CNS Joint Section on Spine and Peripheral Nerves.
 - (Faculty) (Orlando, FL) (3/16/16)
- **Coric D.** Interbody Cages as an Adjunct to Lumbar Fusion: Adding Cages Adds Success.
 - 2016 32nd AANS/CNS Joint Section on Spine, Cahill Controversies.
 - (Faculty) (Orlando, FL) (3/19/16)
- **Coric D.** Latest Update on Cervical Arthroplasty: Options and Challenges.
 - 2016 32nd AANS/CNS Joint Section on Spine, Scientific Session VIII.
 - (Faculty) (Orlando, FL) (3/19/16)
- **Coric D.** Technique and Pitfalls of Cervical Arthroplasty.
 - 2016 MERC Complication Avoidance and Management: Cadaveric Training Course (Nashville, TN)
- **Coric D.** Complications in the Treatment of High-Grade Spondylolisthesis.
 - 2016 84th AANS Annual Meeting. Thoraco-Lumbar Sacral Alignment: Indications, Techniques and Case Discussion.
 - *Interbody Fusion: State of the Art.*
 - (Faculty) (Chicago, IL) (5/4/16)
- **Coric D.** Innovation in Spinal Cord Injury Treatment: The Investigational Neuro-Spinal Scaffold and Bioengineered Neural Trials.
 - *Clinical Translation of the Neuro-Spinal Scaffold™: Clinical Experience in 3 Patients and INSPIRE Clinical Study Status.*
 - (Chicago, IL) (5/2/16)
- **Coric D.** Complications in the Treatment of High-Grade Spondylolisthesis.
 - 2016 84th AANS Annual Meeting. Strategies for Neurosurgical Practices and Programs to Compete in Health Care's Future.
 - *Ambulatory Surgicenters and the Imminent Spine Bundle.*
 - (Faculty) (Chicago, IL) (5/4/16)
- **Coric D.** Spondylolisthesis Symposium.
 - *Complications in the Treatment of High-Grade Spondylolisthesis.*
 - 2016 84th AANS Annual Meeting.
 - (Faculty) (Chicago, IL) (5/4/16)
- **Coric D.** *Castellvi Spine.*
 - Are We Closer to Finding the True Lumbar Pain Generator?
 - Current FDA Trials: Disc Regeneration
 - Single Level Balance: Important or Not Important?
 - 5/19-22/2016 (Duck Key, FL)
- **Coric D.** Honored Guest – *Georgia Neurosurgical Society* (Annual Meeting) May 27-29, 2016 (Sea Island, Georgia)
 - Cervical artificial discs: Current indications, technique and complication avoidance
 - Spine surgery in the ambulatory outpatient setting: State of the art and future directions
- **Coric D.** Anterior and Posterior and Combined Approaches to the Cervical Spine.
 - 2016 MERC Cervical Trauma: Cadaveric Training Course (Boston, MA)

- **Coric D.** Physiology of Disc Degeneration and Biological Regeneration and Repair Options.
 - Depuy Synthes: Degenerative Disc Disease Deep Dive Product Evaluation
 - Raynham, MA 8/21/2016
- **Coric D.** Surgical Experience with Simplify Artificial Disc.
 - Simplify Disc IDE Study Investigator Meeting
 - Boston, MA 9/15/16
- **Coric D.** *Spondylolisthesis: MIS Decompression.*
CNS Annual Meeting: Clinical Controversies I
San Diego, CA 9/26/16
- **Coric D.** *Cervical Arthroplasty: Is There A Role?*
- CNS Annual Meeting: Luncheon Seminar T18
San Diego, CA 9/27/16
- Lanman T, Burkus K, Dryer R, et al: *Long-term clinical and radiographic outcomes of an artificial cervical disc replacement at two levels: Results from a Level I prospective randomized controlled clinical trial with 7-year follow-up.*
EuroSpine 2016
- Berlin, Germany 10/7/16
- **Coric D.** *Expandable technology in the degenerative lumbar spine* (Moderator)
EuroSpine 2016 – Lunch Workshop
Berlin, Germany 10/7/16
- **Coric D.** *Cervical total disc replacement: Fact and fiction*
4th International Symposium for Cervical and Lumbar Arthroplasty
- Berlin, Germany 10/8/16
- **Coric D.** *Maximizing Sagittal Balance with Expandable Cages.*
- *Strategies to Correct Sagittal Imbalance in the Lumbar Spine.*
- 2016 MERC Planning and Achieving Lumbar Spinal Balance Course
- Course Co-Chairmen (NYC, NY) 11/7/16
- **Coric D.** *Spine Debate: Minimally Invasive v Sagittal Balance* (Moderator)
- 68th Southern Neurosurgical Society Annual Meeting
Orlando, FL 2/25/17
- **Coric D.** *Spine Workshop: Tritanium – A novel, highly porous titanium alloy for interbody fusion procedures.*
- 68th Southern Neurosurgical Society Annual Meeting
Orlando, FL 2/24/17
- **Coric D.** Cervical Arthroplasty: Indications and Technique.
- Guest Professor Lecture: Wake Forest University Baptist Medical Center
Winston-Salem, NC 2/28/17
- **Coric D.** Spinal Alignment: Cervical to Pelvis... What Every Surgeon Needs to Know-Case Discussions
- (Faculty) 2017 AANS Meeting, Los Angeles, CA (4/22/17)
- **Coric D.** Skating to Where the Puck Will Be: Strategies for Neurosurgery Practices to Compete in Health Care's Future
- Leverage in Hospital Negotiations
- 2017 AANS Meeting, Los Angeles, CA (4/24/17)
- **Coric D.** Novel Techniques and Strategies to Treat Spine Disease in the Aging Population
- Use of Robots in Spinal Surgery is the Way of the Future!
- 2017 AANS Meeting, Los Angeles, CA (4/24/17)

- **Coric D.** Expandable v Static TLIF Spacers and Sagittal Balance: Is It Worth the Added Cost?
 - 2017 AANS Meeting, Los Angeles, CA (4/25/17)
- **Coric D.** The Evolution of Interbody Spacers.
 - 2017 17th Annual Thomas Jefferson Spine Fellows Alumni Symposium, Newport, RI (7/14-15/17)

(revised 4/26/17)